

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Cool and wet weather continued this week with some clearing later in the week. Measurable precipitation was reported by all 43 stations. Average temperatures were between 34 and 48 degrees, which is around 4 degrees lower than normal (using 1961-1990 normal period). The lowest temperature of 10 degrees was reported in Christmas Valley and the highest temperature reported was 60 degrees in Echo. The Detroit Lake station again reported the most precipitation, with 3.04 total inches, followed by the Astoria/Clatsop station with 2.6 total inches. Thirty of the forty-three stations have season accumulation above normal.

Field Crops: Cool, wet weather continued to challenge growers. In several counties growers were able to capitalize on favorable conditions and apply fertilizers, sprays and complete some no-till plantings of spring grains. Stripe rust in winter wheat continued to be a concern. Clover seed crops were starting to actively grow and nitrogen applications to annual ryegrass fields were progressing as weather permitted.

Vegetables: Wet soil conditions continued to be a challenge for growers. Processed pea plantings in Marion County were reportedly delayed. Rhubarb was growing rapidly.

Fruits and Nuts: Fruit trees were reported to be in full bloom or budding throughout the State. Jackson County experienced temperatures cold enough to start orchard fans for frost protection. The cool mornings were making cherry growers very nervous in Wasco County. Douglas County sprayed fungicides on various fruit crops. Blight sprays were being applied on filberts even though the rain made it a challenge to do so in a timely manner.

Nurseries and Greenhouses: Plant preparations for sale continued. Weather conditions this past week made it difficult for some nurseries to move out trees and shrubs for bareroot or burlap sales. Spring blooming trees, flowers, shrubs were faring well.

Livestock, Range and Pasture: Pasture conditions were lagging due to cool weather throughout the State. Clackamas County reported cattle were being moved onto pasture. Livestock water conditions looked better than the last few years in Lake County. Cattle and sheep producers were pleased with higher prices.

Soil Moisture - Week Ending 04/10/11

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	1	56	43
Subsoil	0	1	60	39

Crop Progress - Week Ending 04/10/11

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	55	46	75	62
Barley emerged	46	42	36	35
Spring wheat planted	41	25	85	67
Spring wheat emerged	16	9	46	29
Days suitable for fieldwork	3.6	3.0	3.8	4.5

Crop Condition - Week Ending 04/10/11

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	1	29	48	22
Range and pasture	1	19	31	36	13

Western Oregon

CLACKAMAS: Still wet but slightly warmer, and still too wet for tillage. Field work was limited to fertilizing and spraying, perhaps some no till seeding. Cool season grasses were growing slowly. Cattle were being moved onto pasture. Fruit trees were in full bloom and honeybees had a couple of fair flying days.

COOS/CURRY: Low temperatures were over 1.5 to 5.5 degrees below the 5-year average in both Brookings (southern Curry) and in Bandon (Coos Co.). High temperatures through the week were about 4.3 to 8.4 degrees below the 5-year average in both southern Curry, and Coos. Heaviest precipitation was early in the week for both counties, with nice days Friday and particularly Saturday. Producers continued waiting for pastures to dry sufficiently to move cattle onto the bottoms. There were zero days suitable for field work during the period, due to soil moisture conditions (a few lucky people dried out enough to mow lawns by Saturday). Bandon (Coos & Northern Curry): Low temperature for the period was 35.9 degrees, 1.53 degrees below the 5-year average. High temperature for the period was 58.05 degrees, 4.36 degrees below the 5-year average. Precipitation for the period was 1.92 inches, which is 1.05 inches above the 5-year average for the week. Weather year 2011 (began 10/1/2010) precipitation stands at 46.37 inches, 1.87 inches below the 5-year average. Average precipitation through the month of April is 52.85 inches. Brookings (Southern Curry): Low temperature for the period was 35.34 degrees, 5.41 degrees below the 5-year average. High temperature for the period was 55.21 degrees, 8.42 degrees below the 5-year average. Precipitation for the period was 1.86 inches, compared to a 5-year average of 1.36 inches. Weather year 2011 (began 10/1/2010) precipitation stands at 73.31 inches, 2.75 inches above the 5-year average. Historical average precipitation through April is 64.54 inches.

DOUGLAS: Pasture Grass conditions were lagging somewhat due to cool weather. Cool, wet weather continued this week with no fieldwork accomplished. All agricultural land was too wet to work, and should not be driven on. Some fungicides needed to be sprayed on blueberries, caneberries, fruit trees, and vineyards. Blueberries, peaches, and Bartlett pears were going into full bloom. There were several mornings with temperatures around 32-34 degrees, with hard frost. There did not appear to be much damage from the frost, but monitoring will continue. The week's conditions made it difficult for nurseries to move out trees and shrubs for bareroot or burlap sales. Cattle and sheep producers were happy with higher prices received.

JACKSON: Some fertilizing of grass hay fields was accomplished early in the week followed by light amounts of precipitation and cool temperatures for the remainder of the week. Thursday brought light snow and hail to the Valley floor in some places, and temperatures cold enough to start orchard fans for frost protection.

JOSEPHINE: Very cool temperatures during the week, with daytime temperatures in the 40's -50's, and nighttime temperatures between 28-38 degrees. Precipitation for the week brought a couple inches of rain and an inch of snow. Some farmers were starting to plow and plant, while battling with cold ground and blustery winds. Spring blooming trees, flowers, shrubs were faring well in spite of rain and wind. They were behind in plowing and planting due to high and cold ground water. Spring was late this year.

LANE: Top soil was extremely wet. Spring fertilizer was being applied in forage and grass seed fields, as the weather and water in fields allowed. Stripe rust in winter wheat was developing quickly in the earlier planted fields. These fields are at Feeke's 8 (early boot) with the first node about 4" above ground level and crop about 1.5' tall. Forage tall fescue seed crop was at early flag leaf stage, with some heads emerging. Nitrogen applications to annual ryegrass seed fields were at midway point. Blight sprays were being applied on filberts. Soils were still too wet for spring grain planting in worked soil, but some spring grain was being planted no till. Livestock producers were feeling good about prices received for cattle and lambs. Crop conditions still looked good for most crops.

MARION: Above normal rainfall and cool weather kept producers from planting and spraying this week. Rust has been reported in some fields. Spring planting of row crops was late, and may affect processed pea plantings. This week's weather ranged from sunny and warm to frost and snow. Only a couple days were calm and clear to allow spraying. Cool temperatures were keeping crop development slow. Frequent rains were keeping the soil saturated.

WASHINGTON: Wet, cool weather continued to provide good conditions for stripe rust growth on winter wheat crops. Growers have been encouraged to scout fields often and apply a fungicide as soon as possible if rust is found. Stem elongation was beginning to be seen on winter wheat and grass seed crops. Clover seed crops were starting to actively grow. Persistent rain has made it difficult for growers to make fertilizer and pesticide applications in the field. Many applications were projected to go on late due to poor weather conditions. Spring wheat plantings were delayed due to wet fields. Fruit trees were leafing. Rhubarb was growing rapidly, but most vegetables were too wet for growth or planting. Greenhouses and nurseries were ready to send out plants. Cows and calves were doing well.

YAMHILL: Rain is preventing hazelnut orchardists from applying their Eastern Filbert Blight control sprays in a timely fashion. Some farmers started spraying up into the tree canopy. They were also burning debris as they could. Hazelnut trees had leaves emerging now. They were around 1/4 of an inch. Some field spraying was also performed in grass fields this last week.

Eastern Oregon

BAKER/UNION: Cold wet weather continued to stall any field work. Some fields were either under water or extremely wet. Pasture growth was slowed due to cold nights.

CROOK: Wheat acres were estimated to be up this year. Cold and cool weather was holding back growth of many crops and range. Snow pack was good and reservoirs should fill easily. Irrigation season looked good for 2011.

GRANT: Cold and wet conditions were preventing range grass from growing, and hay supplies were starting to get short. Field work was running behind normal years. Fields were being worked to get ready for spring planting.

HOOD RIVER: Variable but seasonable weather conditions prevailed through the week. Temperatures dipped the morning of 4/8, but remained above critical levels for orchard crops. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at tight cluster to first white (WSU stages 3&4); Red Delicious apple at half-inch green to tight cluster (WSU stages 3&4); Bing cherry at open cluster to first white (WSU stages 5&6); Pinot noir grape still at Eichhorn-Lorenz stages 1-3.

KLAMATH: Some precipitation again during the week. The week brought warmer weather, but still below normal. Farmers took advantage of the weather to do spring field work, including: harrowing, and some planting. Because of the precipitation and cool weather there have been no real demands for irrigation. The Bureau made the official

announcement on water deliveries with full allotments expected.

LAKE: Snow storms late in the week melted off quickly in afternoon. Livestock producers were expected to begin turning out within the next few weeks. Livestock water conditions looked better than the last few years.

MALHEUR: The water outlook for Malheur County looked very promising for the current year.

SHERMAN: Days suitable for field work depended on the job you wanted done. There were a couple of good days for spraying and some spring tillage started. Several fields were spring seeded. Weather brought a mix of snow, frost, hail, rain and clear sunny skies. There was also enough wind to keep the towers turning.

UMATILLA: Cool wet weather continued to challenge growers trying to do spring field work, while increasing concerns for stripe rust and allowing weeds to grow.

WASCO: Showers and clouds prevailed. Farmers and ranchers were ready for a few days of sunshine and temperatures above 50 degrees to encourage growth of crops and pasture. Cherries were budding, but the cool mornings were making everyone very nervous. Wheat producers were wishing they could either spray or finish spraying. Wheat was looking good, but there were hopes that sunshine would make it look better.

Weather data for selected stations in Oregon, Week ending: April 10, 2011 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	30	55	45	-3	-	-7	2.60	1.38	4	70.37	14.68	126	159
Bandon ⁸	34	58	47	-2	2	-5	1.92	0.73	5	48.17	-2.50	95	148
Crescent City	36	54	47	-4	-	-21	0.56	-0.74	3	53.32	-3.62	94	118
Florence	29	55	44	-5	-	-7	1.78	0.33	5	66.07	1.17	102	155
North Bend	34	55	47	-3	-	-9	1.27	0.01	3	40.67	-13.95	74	106
Tillamook	30	55	45	-2	-	-7	2.70	1.07	6	65.81	-8.17	89	144
WILLAMETTE VALLEY													
Aurora ⁸	29	59	46	-3	1	-13	1.18	0.47	5	42.49	8.64	126	146
Corvallis	30	58	47	-2	2	-11	0.50	-0.19	5	36.88	0.29	101	146
Detroit Lake ⁸	31	59	41	-1	-	-4	3.04	1.87	5	84.96	27.78	149	150
Eugene	32	62	47	-3	5	-9	0.80	-0.05	6	32.36	-9.98	76	115
Hillsboro	29	60	45	-4	-	-14	0.68	0.09	5	33.09	1.41	104	135
McMinnville	31	60	46	-4	-	-14	0.96	0.26	5	37.21	-0.35	99	135
Portland	31	61	47	-3	1	-13	0.95	0.33	5	38.92	9.37	132	132
Salem	30	60	47	-1	2	-9	0.66	0.01	4	39.28	6.13	118	128
SW VALLEYS													
Grants Pass	28	63	46	-6	5	-20	0.69	0.18	2	34.69	7.12	126	109
Medford	28	65	47	-3	8	-13	0.56	0.27	2	16.92	1.14	107	85
Roseburg	34	62	48	-3	7	-14	1.10	0.50	4	29.78	1.79	106	118
NORTH CENTRAL													
Condon	24	53	40	-4	-	-7	0.31	0.03	4	13.15	3.30	134	97
Echo ⁸	27	66	46	-4	3	-16	0.16	-0.05	2	9.69	2.86	142	92
Heppner	26	55	42	-6	-	-11	0.32	-0.01	2	11.16	1.47	115	95
Hermiston	24	64	46	-5	4	-15	0.10	-0.11	2	9.92	3.09	145	86
Madras ⁸	24	61	42	-4	1	-13	0.07	-0.14	2	8.54	1.06	114	84
Moro	25	54	42	-4	-	-7	0.17	-0.04	3	11.50	3.00	135	77
Parkdale ⁸	29	54	42	-6	-	-14	2.36	1.92	4	40.11	12.75	147	130
Pendleton	26	61	43	-6	2	-13	0.33	0.05	3	12.63	3.76	142	94
Prairie City ⁸	24	61	42	-4	1	-13	0.07	-0.14	2	8.54	1.06	114	84
The Dalles	34	62	48	+3	5	-4	0.34	0.13	3	11.05	1.08	111	93
SOUTH CENTRAL													
Agency Lake ⁸	26	55	39	-2	-	-4	0.01	-0.22	1	14.63	1.91	115	82
Bend	20	56	38	-5	-	-7	0.05	-0.09	1	5.59	-3.01	65	42
Burns	22	55	38	-3	-	-7	0.07	-0.08	3	10.59	3.91	159	88
Christmas Valley ⁸	10	58	34	-10	-	-10	0.14	-0.03	5	7.61	-1.25	86	91
Klamath Falls	19	60	38	-6	-	-7	0.11	-0.10	2	8.33	-2.22	79	62
Klamath Falls ⁸	21	59	38	-6	-	-7	0.11	-0.10	3	10.53	-0.02	100	87
Lakeview	20	58	35	-6	-	-7	0.15	-0.13	3	12.24	0.90	108	91
Lorella ⁸	19	61	37	-6	-	-7	0.15	-0.06	2	10.71	0.16	102	82
Redmond	17	61	38	-6	-	-7	0.09	-0.05	3	8.23	2.48	143	65
Worden ⁸	20	59	38	-5	-	-7	0.09	-0.12	2	10.03	-0.52	95	74
NORTHEAST													
Baker City	22	54	38	-6	-	-7	0.14	-0.02	2	7.82	1.68	127	81
Joseph	21	46	35	-5	-	-3	0.46	0.04	4	9.96	-7.98	56	88
La Grande	23	55	41	-4	-	-9	0.42	0.07	4	9.16	-2.78	77	89
Union	24	52	39	-6	-	-7	0.60	0.32	4	12.97	4.78	158	102
SOUTHEAST													
Ontario	28	61	46	-4	-	-19	0.06	-0.08	1	8.83	1.64	123	70
Rome	16	60	38	-7	-	-8	0.78	0.61	4	9.10	4.11	182	66

¹ Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2010.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.